

1. The work required under this contract shall be performed in accordance with the (STANDARD) time schedule and as directed by the Architect.

2. Before commencing work, the Contractor shall notify the Architect of any work which may require the removal of any existing wall, partition, or ceiling. All removal work shall be done in accordance with the current printed specifications of the Architect and World Trade Center.

3. The Contractor shall not drill holes into existing walls or structural members for the purpose of supporting any loads, unless written approval is obtained from the Engineer.

4. The Contractor shall protect the public or tenant space below from any damage resulting from floor drilling operations.

5. The Contractor shall repair or replace existing construction damaged in the performance of this contract.

6. The open ended pipes, ducts, etc. penetrating walls, shall not exceed 1/2" and shall be sealed with cement or approved equal and to be closed off by close fitting metal covers on both sides of the partition as required by NYC Building Code C26-504.5.

7. Fireproofing shall be as required by NYC Building Code C26-504.7. Installation shall be subject to structural inspection.

8. All wood shall be fireproofed as required by NYC Building Code C26-504.10.

9. All interior finishes shall comply with NYC Building Code C26-504.10.

10. Carpeting shall conform to Port Authority specifications for flameability and smoke developed ratings.

11. Where rated partitions intersect convecter enclosures, install within the enclosure a rated fire stop equal to the rating of the wall.

12. Where un-rated partitions intersect convecter enclosures, install within the enclosure a sound barrier of 2 inch 5 lb. density semi-rigid fiberglass board.

13. Construction of partitions abutting window columns shall be consistent on the columns, unless otherwise noted.

14. Unless otherwise noted, locate all doors 6 inches minimum distance from adjacent intersecting walls.

15. Carpet installed under this contract shall be cut-out and form fitted around all existing and new floor telephone and electrical outlets. Access cut-outs shall be provided as floor access panels.

16. Rubber base shall be installed on all partitions, both sides unless otherwise noted.

17. Paint all walls, both sides unless otherwise noted.

18. Unless required to paint the entire area, the Contractor shall paint existing walls that are not underlaid, the entire wall shall be painted up to the ceiling external or internal corner or door frame. Color shall match existing.

19. Remove and replace existing ceiling tile as required for mechanical, plumbing, etc. installations.

20. Modify acoustic ceiling as required to accommodate layout as shown on reflected ceiling plan.

21. Materials indicated to be salvaged shall be delivered to the material storage area. See clause under "MATERIALS FURNISHED BY THE AUTHORITY" for location and delivery time.

22. All approvals, permits, plans, etc. are to be maintained at the job site during construction, for inspection and review. Upon completion and final inspection they shall be returned to the Owner for his files.

23. All telephone work is to be coordinated with the tenant's private phone company.

24. The installation of all electronic equipment, wiring, signal and communications circuits, etc. shall be coordinated with the tenant's supplier.

25. All floor drilling for new outlets shall be performed during overtime hours. Proposal shall include an allowance for the provision and/or protection of existing ceilings below.

26. No exhibition may be made for any item specified without written approval of the Architect.

27. The General Contractor shall have the overall responsibility for the procurement, installation and testing of all systems including electrical, mechanical, plumbing, HVAC, etc. as required by the contract documents. This shall include the securing of all approvals for the work.

28. All materials and construction shall conform to manufacturer specifications as well as requirements of the Architect and World Trade Center.

29. The World Trade Center does not approve drilling or welding to existing structural members. All connections must be "clamp type" as per World Trade Center standards.

30. The installation and application of all materials shall be in accordance with the current printed manufacturer's instructions and recommendations.

31. The Contractor shall obtain, retain and make available for on-site inspection at all times, US Department of Labor Material Safety Data Sheets for all toxic substances and hazardous materials to be used in this contract. One copy of said sheets shall be sent to Inspection and Safety Division (Environmental Section) for review prior to introduction of material to the site.

32. The Contractor shall take all necessary precautions to control dust levels to ensure that the limits are not exceeded as specified in OSHA 29CFR1910.1000, Table 2-3.

GENERAL NOTES & SPECIFICATIONS

F. HEATING, VENTILATING AND AIR-CONDITIONING

1. [] INSTALL NEW H.V.A.C. SYSTEM.
 - a. [] ALTER EXISTING H.V.A.C. SYSTEM AS REQUIRED INCLUDING, BUT NOT LIMITED TO THE REWORKING OF EXISTING DUCTWORK, DAMPERS, OUTLETS, ETC. TO ACCOMPLISH NEW LIGHTING LAYOUT AND CEILING SYSTEM. CEILING HEIGHTS AS INDICATED ON THE DRAWINGS.
2. [] REFER TO ENGINEERING DRAWINGS.
 - a. [] H.V.A.C. CONTRACTOR SHALL OBTAIN PLANS OF EXISTING H.V.A.C. LAYOUT AND REWORK ALL BUILDING GUIDELINES. CONTRACTOR SHALL VERIFY ALL DESIGN PARAMETERS, CAPACITIES AND SPECIAL REQUIREMENTS AS MAY BE REQUIRED BY THE TENANT. CONTRACTOR SHALL PROVIDE ENGINEERED PLANS OF PROPOSED H.V.A.C. WORK, INDICATING NEW DIFFUSER, REGISTER, AND THERMOSTAT LOCATIONS AND TYPES, AND ACCESS REQUIREMENTS AS WELL AS PLUMBING HEAD ROOM TO WFO DESIGN GROUP FOR APPROVAL. PRIOR TO FABRICATION OF LAYOUT, CONTRACTOR SHALL PROVIDE SHOP DRAWINGS PRIOR TO FABRICATION AND INSTALLATION AS PER REQUIREMENTS OF PARAGRAPH 4 HEREIN.
 - b. [] CONTRACTOR SHALL PROVIDE SIGNED AND SEALED FINAL H.V.A.C. DRAWINGS AND ALL REQUIRED CONTROLLED INSPECTION ITEMS, INCLUDING FORMS 102 AND 103 AND EQUIPMENT USE PERMIT SIGNED BY LICENSED PROFESSIONAL.
3. [] CONTRACTOR SHALL TEST AND BALANCE SYSTEM AND SUBMIT WRITTEN REPORT TO WFO DESIGN GROUP BEFORE FINAL ACCEPTANCE.
4. [] CLEAN ALL REUSED, DUCTWORK AND EQUIPMENT PRIOR TO ALTERATION OF AN EXISTING SYSTEM.
5. [] REMOVE ALL DIFFUSERS, REGISTERS AND THERMOSTATS THAT ARE NOT BEING REUSED AND CAP AND SEAL REPAIRS ALL REUSED OUTLETS, REGISTERS AND DIFFUSERS BY SHOP SPRAY. PAINTING WITH SEMI-GLOSS WHITE ENAMEL PAINT OR AS OTHERWISE SPECIFIED.
6. [] COORDINATE THE INSTALLATION OF ALL H.V.A.C. DUCTWORK AND EQUIPMENT WITH ALL OTHER PHASES OF THE CONSTRUCTION.
7. [] PROVIDE A ONE (1) YEAR WRITTEN GUARANTEE ON ALL LABOR, MATERIALS AND INSTALLATION.
8. [] ALL NEW RETURN AIR GRILLES, SUPPLY DIFFUSERS, SPEAKERS, ETC., SHALL HAVE A BAKED WHITE ENAMEL FINISH.
9. [] FURNISH AND INSTALL VOLUME SPLITTERS AND DAMPERS IN EACH BRANCH TAKE-OFF. FURNISH AND INSTALL ALL REQUIRED VIBRATION ISOLATION AND ISOLATORS, AND CONSTRUCT ALL NEW DUCTWORK OF GAUGES AND CONSTRUCTION IN ACCORDANCE WITH LATEST ASHRAE GUIDE RECOMMENDATIONS, AND/OR AS INDICATED ON H.V.A.C. DRAWINGS.
10. [] FURNISH AND INSTALL ALL FIRE DAMPERS, RELIEF OPENINGS, FRESH AIR INTAKES AND EXHAUSTS, AND ALL OTHER ELEMENTS TO MEET ALL BUILDING DEPARTMENT AND BUILDING CODE REQUIREMENTS.
11. [] VENTILATE ALL INTERIOR ROOMS AS PER APPLICABLE PARAGRAPHS TO ARTICLE 12 AND REFERENCE STANDARD RS-13 OF THE NEW YORK CITY BUILDING CODE, LATEST EDITION.
12. [] ALL THERMOSTATS AND H.V.A.C. CONTROLS SHALL BE MOUNTED INCHES ABOVE FINISH FLOOR UNLESS OTHERWISE NOTED.
13. [] FURNISH AND INSTALL A RECESSED, CEILING MOUNTED SMOKE EXHAUST SYSTEM AT AREA NUMBER.
14. [] FURNISH AND INSTALL A RECESSED, CEILING MOUNTED TOILET EXHAUST SYSTEM IN AREA NUMBER.

G. PLUMBING AND SPRINKLER

1. [] CONTRACTOR SHALL FURNISH AND INSTALL ALL ROUGHING, CONNECTIONS AND FIXTURES AS SHOWN ON OR INFERABLE FROM THE DRAWINGS, OR AS SPECIFIED HEREIN, OR BOTH. ALL PLUMBING WORK SHALL BE PERFORMED BY A LICENSED PLUMBER ONLY.
2. [] FURNISH AND INSTALL ALL VALVES AS INDICATED ON DRAWINGS OR AS MAY BE REQUIRED FOR THE PROPER CONTROL OF THE EQUIPMENT AND PIPELINES INSTALLED UNDER THIS SECTION SO THAT ANY FUTURE, LINE OR REPAIR OF EQUIPMENT MAY BE CUT OFF FOR REPAIR WITHOUT INTERFERENCE OR INTERRUPTION TO THE SERVICE OF THE REST OF THE BUILDING. ALL VALVES SHALL BE DESIGNED FOR REPACKING WHEN WIDE OPEN UNDER PRESSURE.
3. [] ALL EXISTING PLUMBING BEING ABANDONED SHALL BE CAPPED BEHIND EXISTING FINISHED SURFACES.
4. [] BEFORE BEING COVERED UP OR BUILT-IN, ALL PLUMBING SHALL BE TESTED AS REQUIRED BY ALL AGENCIES HAVING JURISDICTION OVER THE WORK.
5. [] ALL EQUIPMENT SHALL BE TESTED AND PLACED IN OPERATION.
6. [] IF CONTRACTOR IS PROVIDING ENGINEERING DRAWINGS, CONTRACTOR SHALL HIRE A LICENSED PROFESSIONAL TO PREPARE ALL PLUMBING DRAWINGS, REQUIRED FORMS, STATEMENTS AND INSPECTIONS AS REQUIRED TO COMPLY WITH ALL BUILDING DEPARTMENT RULES AND REGULATIONS.
7. [] [] EXISTING SPRINKLER SYSTEM TO BE REVISED, ADD NEW AND/OR RELOCATE EXISTING SPRINKLER HEADS AS REQUIRED BY NEW PARTITION LAYOUT.
 - a. [] FURNISH AND INSTALL NEW SPRINKLER SYSTEM.
 - b. [] NO SPRINKLER WORK IS REQUIRED.
8. [] ALL SPRINKLER HEADS SHALL BE:
 - a. [] DROPPED HEAD [] FLUSH HEAD
9. [] ALL SPRINKLER WORK SHALL COMPLY WITH ALL APPLICABLE RULES AND REGULATIONS OF THE BUILDING DEPARTMENT OF THE MUNICIPALITY IN WHICH IT IS BEING PERFORMED.

H. LIGHTING AND ELECTRICAL

1. [] VERIFICATION OF SUFFICIENT LIGHTING TO ACCOMPLISH THE PROJECT OUTLINED ON THE PLANS IS THE RESPONSIBILITY OF THE CONTRACTOR AND MUST BE CONDUCTED PRIOR TO SUBMITTING A DESIGN. THIS VERIFICATION SHALL BE THE TENANT AND WFO DESIGN GROUP'S RESPONSIBILITY. ALL COSTS OF PANELS, BREAKERS AND THE SUCH AS DESIGN, NECESSARY AS THE PROJECT PROGRESSES.
2. [] CONTRACTOR SHALL FURNISH AND INSTALL LIGHTING FIXTURES, ELECTRICAL EQUIPMENT, LABOR AS SHOWN ON ALL DRAWINGS AND NOTES.
3. [] CONTRACTOR SHALL VERIFY THAT THE RECESSING IS AS SHOWN ON ALL DRAWINGS AND NOTES. ALL LIGHTING FIXTURES SHALL BE FOR ALL LIGHTING FIXTURES. PRIOR TO ORDERING, WFO DESIGN GROUP IS TO BE INFORMED OF OBSTRUCTIONS TO THE WORK IMMEDIATELY.
4. [] ALL DIMENSIONS OF LIGHTING FIXTURES FROM CENTERLINE UNLESS OTHERWISE NOTED.
5. [] CONTRACTOR SHALL SUPPLY AND INSTALL LIGHTS AS REQUIRED BY CODE, UNLESS OTHERWISE SPECIFIED. RECESSED LIGHTS SHALL BE 6" HIGH LETTERS, AND SHALL COMPLY WITH ALL RULES AND REGULATIONS OF THE CITY BUILDING CODE. LOCATIONS OF FIXTURES SHALL BE APPROVED BY DESIGN GROUP PRIOR TO INSTALLATION. TYPES SHALL BE SPECIFIED ON ALL DRAWINGS.
6. [] CONTRACTORS SHALL PROVIDE ALL LIGHTING AND OUTLETS, AS REQUIRED, TRADES PERFORMING WORK ON THE WHETHER OR NOT THESE TRADES ARE A PART OF THIS CONTRACT.
7. [] [] EXISTING CIRCUITING, SWITCH, LIGHTING IS TO BE REVISED AS REQUIRED BY THE CONTRACTOR. CONTRACTOR SHALL REMOVE ALL UNNECESSARY ELECTRICAL EQUIPMENT, ETC. AND PATCH UNUSED LOCATIONS.
8. [] WHERE (1) SWITCH IS INDICATED ON CONTRACTOR SHALL PROVIDE ANY ADDITIONAL SWITCHES REQUIRED IN ACCORDANCE WITH CODE REQUIREMENTS AND BEST PRACTICES. SUCH ADDITIONS SHALL BE LOCATIONS AS SHOWN ON PLANS AND BE IN GANG PLATES AS REQUIRED. NO EXTENSION SHALL BE ALLOWED.
9. [] ALL LOW VOLTAGE WIRING AND EQUIPMENT SHALL BE FURNISHED AND INSTALLED WHERE SHOWN ON PLANS.
10. [] ALL FLUORESCENT LAMPS REQUIRED SHALL BE ENERGY SAVING TYPE. ALL BALLASTS SHALL BE ENERGY SAVING TYPE. CONTRACTOR SHALL FURNISH AND INSTALL ALL LAMPS AND REQUIRED FOR THIS INSTALLATION.
11. [] IN AREAS WHERE SLIDE DIMMERS ARE REQUIRED, CONTRACTOR SHALL PROVIDE MATCHING SLIDE TYPE SWITCHES WITH REGULAR SWITCHES.
12. [] ALL WORK TO BE PERFORMED BY EL CONTRACTOR SHALL BE IN STRICT ACCORDANCE WITH LOCAL ELECTRICAL CODES AND REQUIREMENTS WHERE WORK IS LOCATED. ELECTRICAL WORK SHALL BE PERFORMED BY DULY LICENSED ELECTRICIANS.
13. [] ALL WIRING SHALL RUN CONCEALED IN WALLS, FLOORS OR ABOVE HUNG CEILING UNLESS OTHERWISE NOTED. PROVIDE SIZED CONDUIT (BY STANDOFF, WIRED TV SUPPORTS) AS REQUIRED BY STATE AND LOCAL CODES.
14. [] ALL WALL OUTLETS AND RECEPTACLES MOUNTED 15" A.F.F. EXCEPT AS OTHERWISE NOTED. ALL ELECTRICAL OUTLETS SHALL BE MOUNTED 6" CENTERS, HORIZONTALLY, UNLESS OTHERWISE NOTED.
15. [] ALL NEW FLOOR MOUNTED OUTLETS SHALL BE FURNISHED WITH CAST ALUMINUM BOXES EXCEED 3-1/2" IN HEIGHT.
16. [] CONTRACTOR SHALL FURNISH AND INSTALL ADDITIONAL PANELS AND CIRCUITING AS REQUIRED BY THE WFO DESIGN GROUP.
17. [] ALL REUSED ELECTRICAL OUTLETS SHALL BE TESTED FOR CIRCUITING AND SHALL BE REWIRING WITH NEW RECEPTACLES AND NEW PLATES.
18. [] ALL BLANK RECEPTACLES SHALL BE REMOVED AND HOLES PATCHED.
19. [] ALL BUILDING STANDARD ELECTRICAL WORK SHALL BE ON CIRCUITS WHICH ARE ON CONTINUOUS OPERATION.
20. [] ELECTRICAL CONTRACTOR SHALL COORDINATE WORK WITH THE WORK OF OTHER TRADES.
21. [] ELECTRICAL CONTRACTOR SHALL PERFORM CHOPPING, CUTTING AND DRILLING OF WALLS AND FLOORS REQUIRED FOR THE INSTALLATION OF ALL ELECTRICAL WORK.
22. [] THE LOCATION OF ALL STRIP AND TERMINAL BLOCKS SHALL BE DETERMINED IN CONJUNCTION WITH THE DESIGNER.
23. [] CONTRACTOR SHALL PROVIDE ALL NECESSARY POWER AS REQUIRED WHERE A MACHINE OR DEVICE IS SPECIFIED. WHERE A ELECTRICAL RECEPTACLE IS REQUIRED, ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL SAME.
24. [] SWITCHES AND OUTLETS SHALL BE:
 - a. [] BUILDING STANDARD
 - b. [] LEVITON DECORA
 - c. [] OTHER:
25. [] FURNISH AND INSTALL NIGHT BELL BY PUSHBUTTON.
 - a. [] FURNISH AND INSTALL ALARM ACTIVATED BY PUSHBUTTON.
 - b. [] FURNISH AND INSTALL ELECTRICAL RELEASE MECHANISM ACTIVATED BY PUSHBUTTON AT LOCATIONS INDICATED.
26. [] [] CONTRACTOR SHALL FURNISH AND INSTALL SMOKE DETECTORS AND SMOKE STATIONS TO CONFORM TO NEW PARTITION REGULATIONS.
 - a. [] CONTRACTOR SHALL RELOCATE AND SMOKE DETECTORS, SMOKE STATIONS AND FLOOR STATIONS TO CONFORM TO NEW PARTITION REGULATIONS.